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Substitute for form 1A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete If Known

Application Number	09/919,780
Filing Date	July 31, 2001
First Named Inventor	Victor B. Kley
Art Unit	2878-2881
Examiner Name	Unassigned Chris Kalvoda
Attorney Docket Number	020921-001611US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
CMK	1	6,353,219	03-05-2002	Kley	
CMK	2	6,337,479	01-08-2002	Kley	
CMK	3	6,031,756	02-29-2000	Gimsewski et al.	
CMK	4	5,922,214	07-13-1999	Liu et al.	
CMK	5	5,865,978	02-02-1999	Cohen	
CMK	6	5,679,952	10-21-1997	Lutwyche et al.	
CMK	7	5,634,230	06-03-1997	Maurer	
CMK	8	5,602,820	02-11-1997	Wickramasinghe et al.	
CMK	9	5,548,117	08-20-1996	Nakagawa	
CMK	10	5,519,686	05-21-1996	Yanagisawa et al.	
CMK	11	5,490,132	02-06-1996	Yagi et al.	
CMK	12	5,472,881	12-05-1995	Beebe et al.	
CMK	13	5,471,458	11-28-1995	Oguchi et al.	
CMK	14	5,426,631	06-20-1995	Miyazaki et al.	
CMK	15	5,418,363	05-23-1995	Elings et al.	
CMK	16	5,416,331	05-16-1995	Ichikawa et al.	
CMK	17	5,414,690	05-09-1995	Shido et al.	
CMK	18	5,392,275	02-21-1995	Kawada et al.	
CMK	19	5,357,109	10-18-1994	Kusumoto	
CMK	20	5,353,632	10-11-1994	Nakagawa	
CMK	21	5,319,977	06-14-1994	Quate et al.	
CMK	22	5,308,974	05-03-1994	Elings et al.	
CMK	23	5,283,437	02-01-1994	Greshner et al.	
CMK	24	5,166,520	11-24-1992	Prater et al.	
CMK	25	5,107,112	04-21-1992	Yanagisawa et al.	
CMK	26	5,072,116	12-10-1991	Kawade et al.	
CMK	27	5,047,649	09-10-1991	Hodgson et al.	
CMK	28	5,047,633	09-10-1991	Finlan et al.	
CMK	29	4,907,195	03-08-1990	Kazan et al.	

Examiner
Signature

Chris Kalvoda

Date
Considered

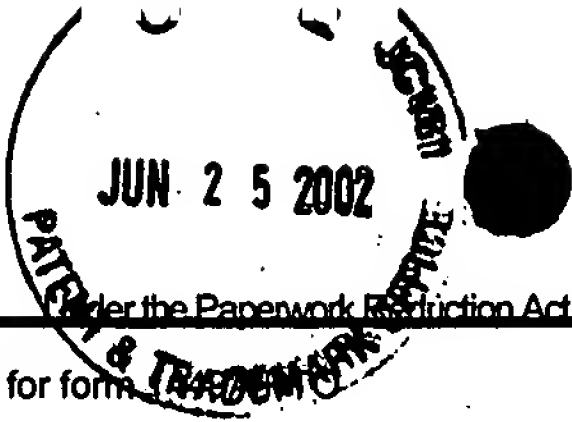
10/21/2002

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Substitute for form

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	09/919,780
Filing Date	July 31, 2001
First Named Inventor	Victor B. Kley
Art Unit	2878 2881
Examiner Name	Unassigned Chris Kalivoda
Attorney Docket Number	020921-001611US

FOREIGN PATENT DOCUMENTS

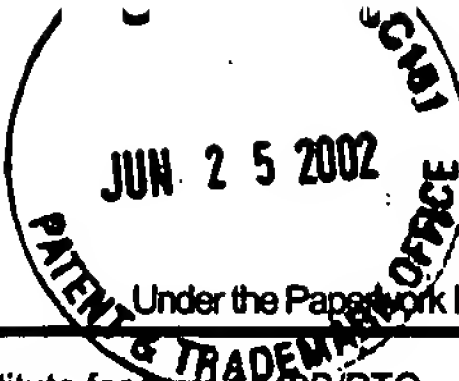
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
cmk	30	PCT	WO 98/34092	A2	08-06-1998	Kley		
cmk	31	PCT	WO 96/03641	A1	02-08-1996	Kley		

Examiner Signature	Chris Kalivoda	Date Considered	10/21/2002
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		Filing Date	July 31, 2001		
		First Named Inventor	Victor B. Kley		
		Art Unit	2878 2881		
		Examiner Name	Unassigned Chris Kalivoda		
Sheet	3	of	3	Attorney Docket Number	020921-001611US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	32	AGER et al., "Multilayer hard carbon films with low wear rates," <u>Surface and Coatings Technology</u> , 91:91-94 (1997)	

Examiner Signature	Chris Kalivoda	Date Considered	10/21/2002
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